

Louisiana Coastal Area (LCA)



Barrier Shoreline Restoration, Barataria Basin

• Status:

- completion of draft report to be delayed until results of the LCA Comprehensive Coastwide Study are known.
- the priority for this effort will then be assessed and, if appropriate, study efforts resumed

• **Sponsor:** State of Louisiana, Dept. of Natural Resources

• Issue:

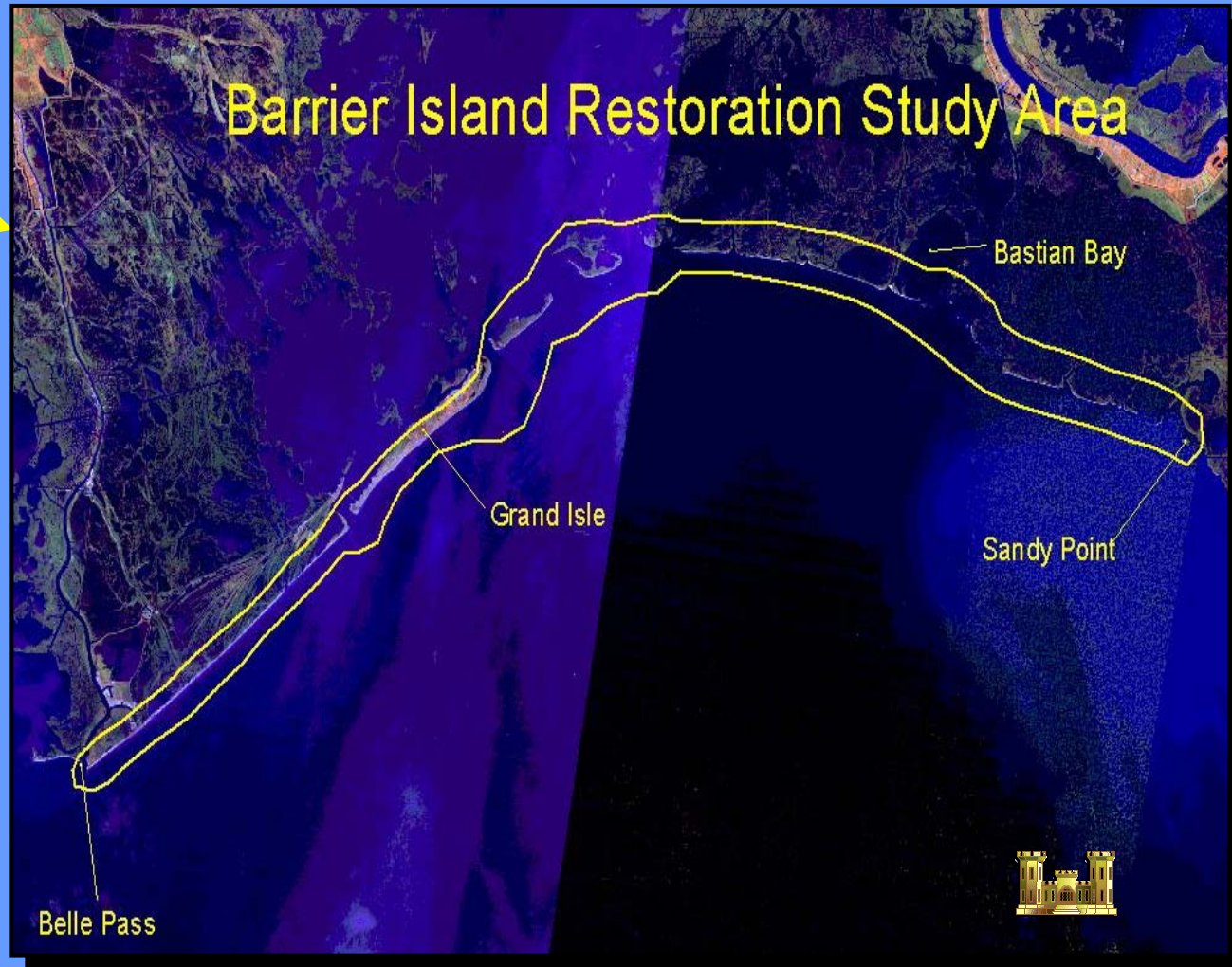
Completion dependent on results of LCA Comprehensive Coastwide Study

Last Event/Date:

Feasibility Study Efforts Mar 03

• Next Event/Date:

Assess priority for continuation Oct 03





Project Fact Sheet

U.S. Army Corps of Engineers
New Orleans District, CEMVN-PM-M
P.O. Box 60267
New Orleans, LA 70160-0267

Date: September 3, 2003

Louisiana Coastal Area (LCA) Ecosystem Restoration, LA (General Investigations): Barrier Shoreline Restoration, Barataria Basin

STUDY AUTHORITY: Senate Resolution 19 Apr 67 and House Resolution 19 Oct 67.

STUDY SPONSORS: The State of Louisiana.

STUDY LOCATION: The study area is the barrier shoreline of the Barataria Basin of southeastern Louisiana in Lafourche and Plaquemine Parishes and extends for a distance of approximately 52 miles from the Caminada headland to Sandy Point.

STUDY PURPOSE: This study constitutes a portion of the effort for coastal restoration under the existing authority for the Louisiana Coastal Area (LCA) feasibility study. In the future it is envisioned that there will be other LCA Project Implementation reports that recommend projects for other areas of the Louisiana coast. The current project evaluated Barataria Basin barrier shoreline restoration strategies as described in "Coast 2050: Toward a Sustainable Coastal Louisiana," known as the *Coast 2050 Plan*. The New Orleans District (MVN), in a partnership with the LDNR, is investigating the feasibility of ecosystem restoration measures for the Barataria Basin barrier shoreline. The goal of the study is to develop alternative plans to restore and/or protect the natural and human environment to create a sustainable ecosystem in the Barataria Basin barrier shoreline.

STUDY FEATURES: Study features include barrier island restoration.

STUDY COSTS: PED costs are estimated at \$25,000,000 (\$18,750,000 Federal / \$6,250,000 non-Federal).

STUDY SCHEDULE: PED is scheduled to begin in FY 2004 pending the Division Engineer notice.

STUDY BACKGROUND: As a result of the human activities and natural coastal processes, coastal Louisiana has lost over 900,000 acres since the 1930s. As recently as the 1970s, the loss rate for Louisiana's coastal wetlands was as high as 25,600 acres per year. The current rate of loss is about 16,000 acres per year, much of which is due to the residual effects of past human activity. Without action, it is estimated that coastal Louisiana will lose an additional 320,000 acres by the year 2050. This study is evaluating Barataria Basin barrier shoreline restoration strategies as described in the *Coast 2050 Plan*.

ISSUES: Continuation of the Barrier Shoreline Restoration, Barataria Basin study efforts have been postponed until the results of the LCA Comp study are finalized and the continuation of study efforts is deemed appropriate by the LADNR and the Corps.